

(Thrice amended) One preferred thermoplastic material, Konduit OTF-212-11, which contains 55% aluminum oxide as a filler, was made into a thermoplastic body and tested for its coefficient of linear thermal expansion by a standard ASTM test method. It was found to have a CLTE in the range of –30 to 30°C of 1.09×10^{-5} in/in °F in the X direction and 1.26×10^{-5} in/in °F in both the Y and Z directions, and a CLTE in the range of 100 to 240°C of 1.28×10^{-5} in/in °F in the X direction and 3.16×10^{-5} in/in °F in both the Y and Z directions. (Hence, the relevant CLTEs for purposes of defining the invention are 1.09×10^{-5} in/in °F and 1.28×10^{-5} in/in °F.) Another similar material, Konduit PDX – 0-988, was found to have a CLTE in the range of –30 to 30°C of 1.1×10^{-5} in/in °F in the X direction and 1.46×10^{-5} in/in °F in both the Y and Z directions, and a CLTE in the range of 100 to 240°C of 1.16×10^{-5} in/in °F in the X direction and 3.4×10^{-5} in/in °F in both the Y and Z directions. By contrast, a PPS type polymer, (Fortron 4665) was likewise tested. While it had a low CLTE in the range of –30 to 30°C (1.05×10^{-5} in/in °F in the X direction and 1.33×10^{-5} in/in °F in both the Y and Z directions), it had a much higher CLTE in the range of 100 to 240°C (1.94×10^{-5} in/in °F in the X direction and 4.17×10^{-5} in/in °F in both the Y and Z directions).

IN THE CLAIMS

Please cancel claim 8 and rewrite claims 1, 14, 18, 20, 30, 31, 34, 35, 36 and 46 as follows without prejudice, and add new claims 50-59 as follows.

1. (Thrice amended) A motor comprising:
 - a) a shaft having a rotational axis;
 - b) a hub attached to the shaft and including a permanent magnet;
 - c) a bearing allowing rotation of the hub about the rotational axis of the shaft;
 - d) a stator comprising conductors;
 - e) a monolithically formed body that substantially encapsulates the stator conductors, wherein a thermoplastic material is injection molded to form the body and the body is configured to align the shaft, hub and bearing with respect to the stator; and mounting features are formed in the body to mount the motor to a device to be powered by the motor; and